

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094435.D
 Acq On : 14 Apr 2017 18:23
 Operator : SJ/MA
 Sample : I2677-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041117-PRRT-E-D-M

Quant Time: Apr 15 01:12:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

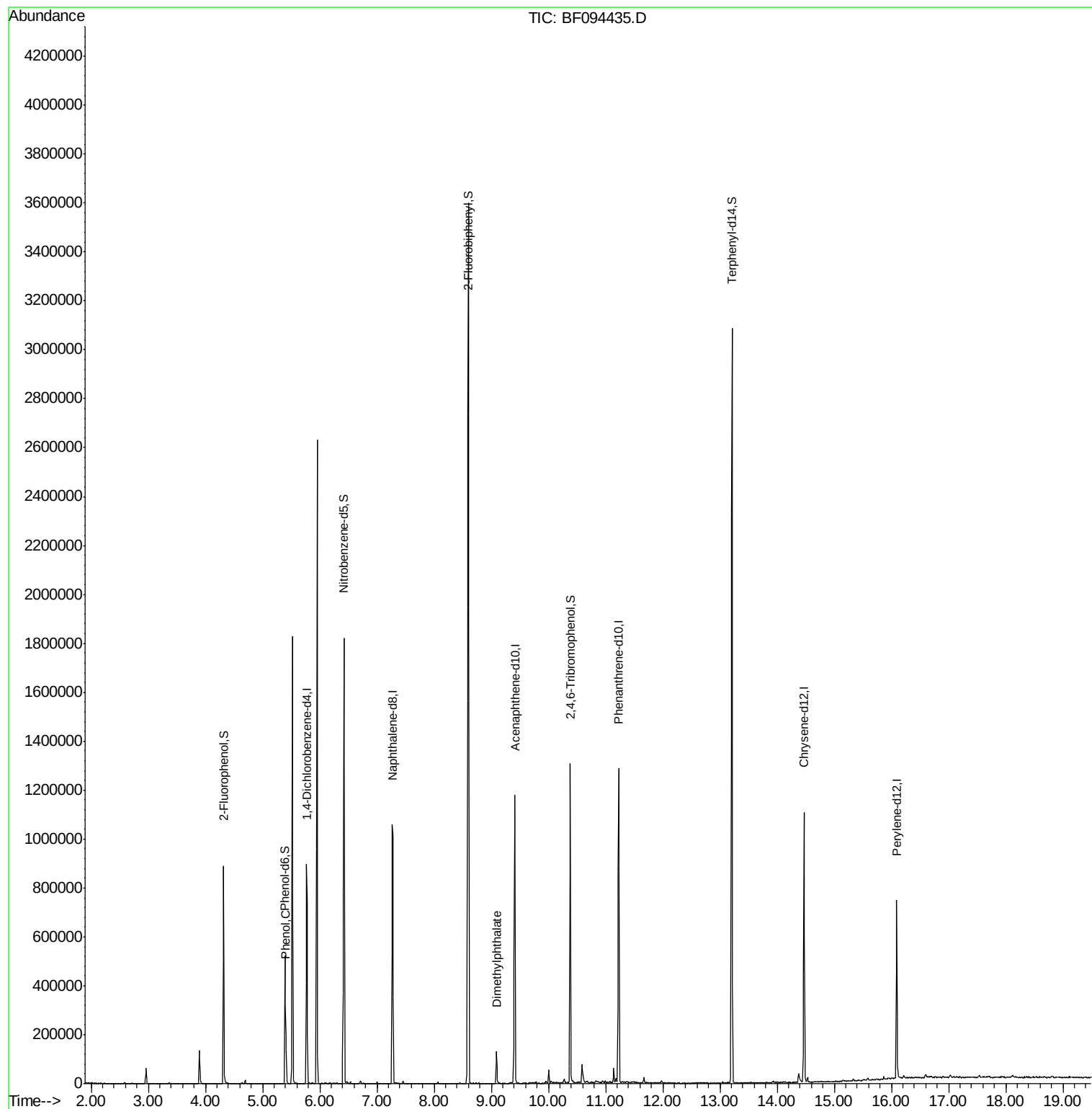
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	146612	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	586766	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	277122	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	512415	20.00	ng	0.00
75) Chrysene-d12	14.47	240	427170	20.00	ng	0.00
86) Perylene-d12	16.09	264	290752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	240219	27.67	ng	0.00
7) Phenol-d6	5.39	99	173422	16.15	ng	-0.01
23) Nitrobenzene-d5	6.42	82	721461	70.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	154567	70.58	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1359207	74.81	ng	0.00
78) Terphenyl-d14	13.21	244	1199151	62.92	ng	0.00
Target Compounds						
10) Phenol	5.40	94	49015	4.01	ng	90
49) Dimethylphthalate	9.09	163	56627	2.87	ng	97

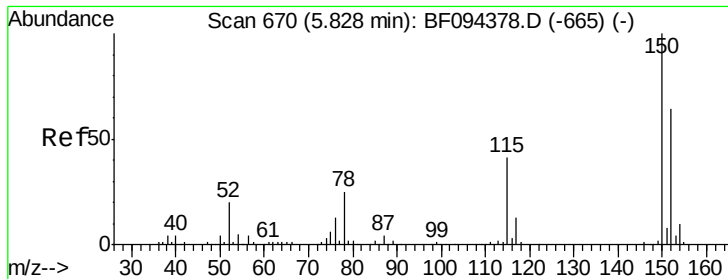
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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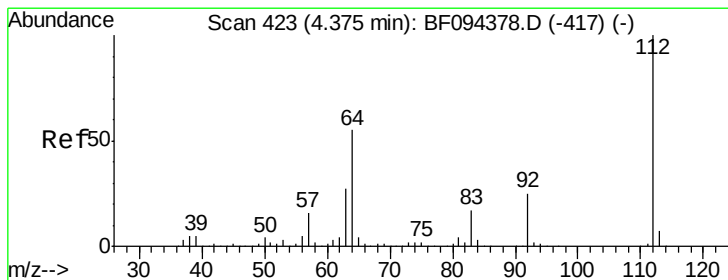
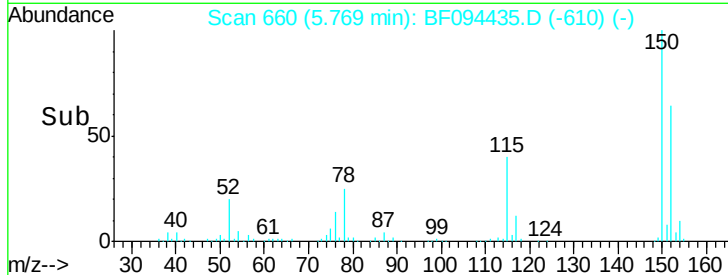
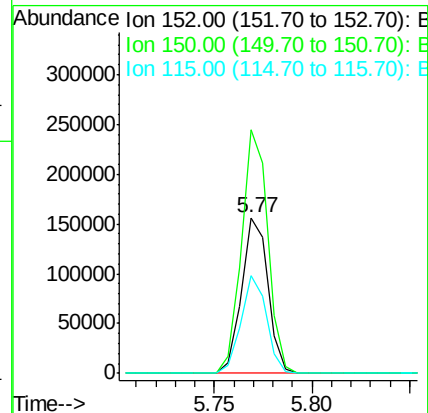
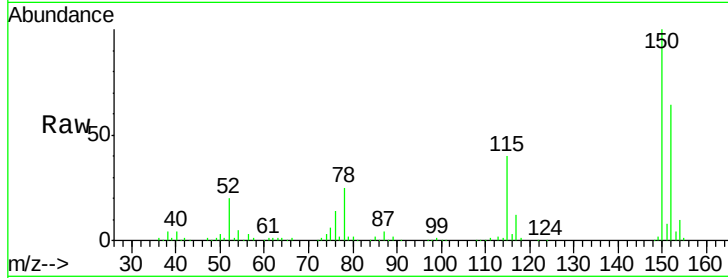


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF094435.D
Acq: 14 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :
041117-PRRT-E-D-M

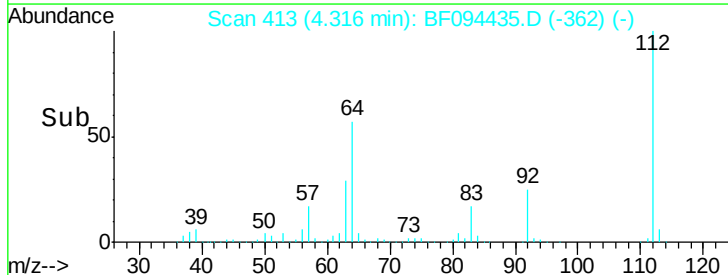
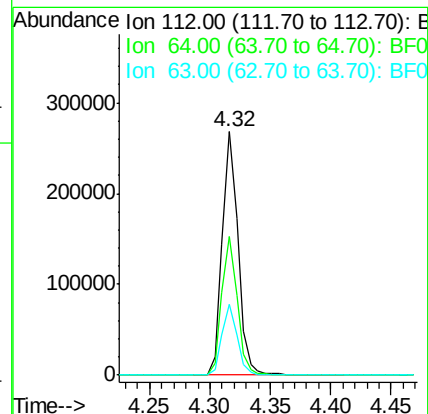
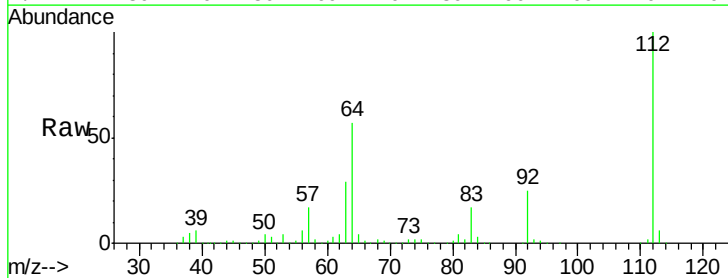
Tot Ion:152 Resp: 146612
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 62.8 52.2 78.2

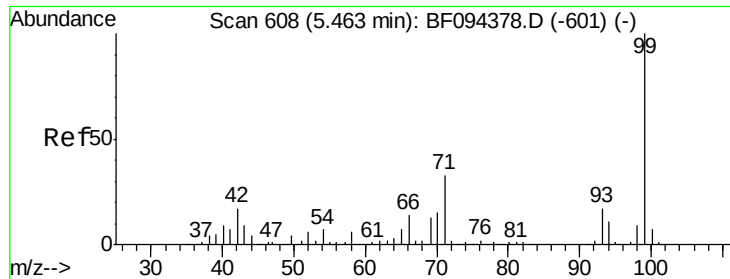


#5

2-Fluorophenol
Concen: 27.67 ng
RT: 4.32 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF094435.D
Acq: 14 Apr 2017 18:23

Tgt Ion:112 Resp: 240219
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 16.15 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-D-M

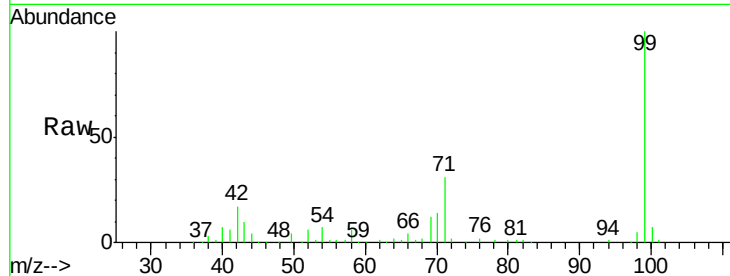
Tot Ion: 99 Resp: 173422

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

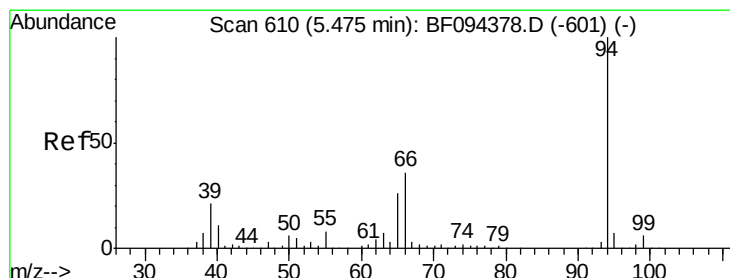
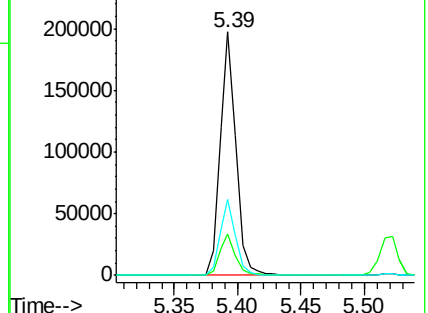
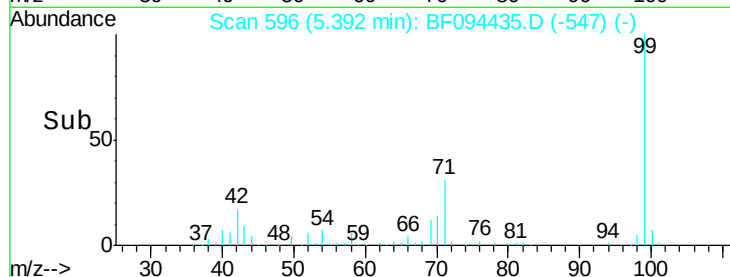
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.01 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

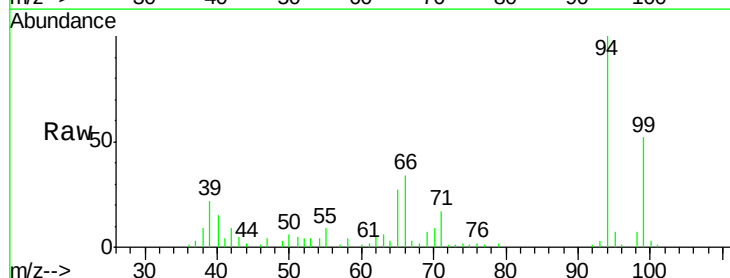
Tgt Ion: 94 Resp: 49015

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

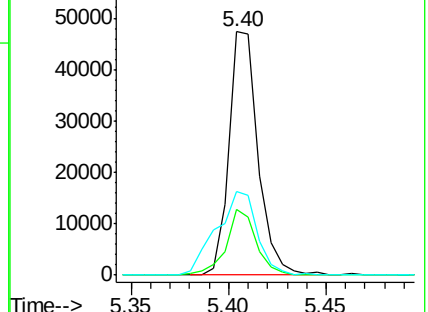
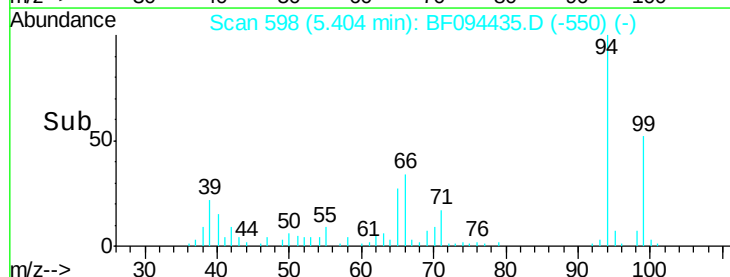
66 34.2 23.1 63.1

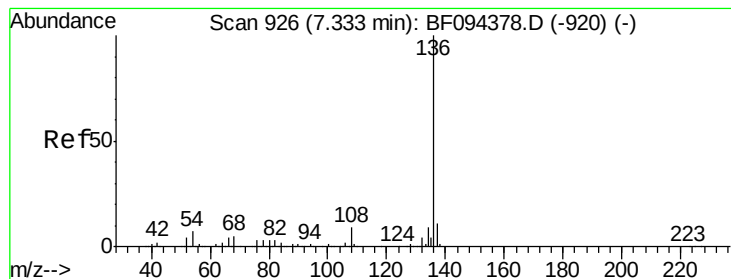


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-D-M

Tot Ion:136 Resp: 586766

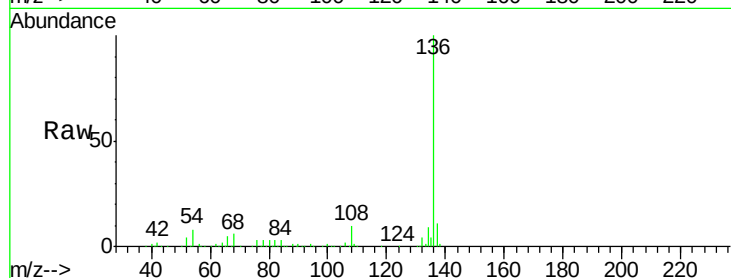
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.1 4.9 7.3#

68 6.3 4.1 6.1#

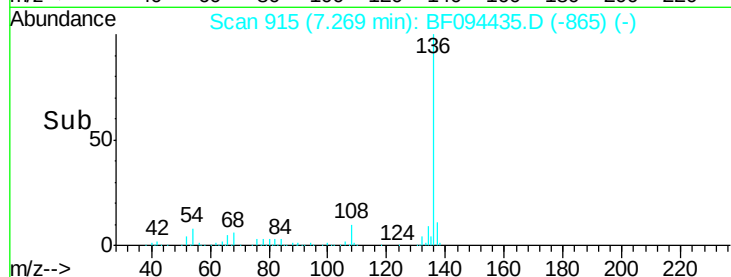


Abundance Ion 136.00 (135.70 to 136.70): E

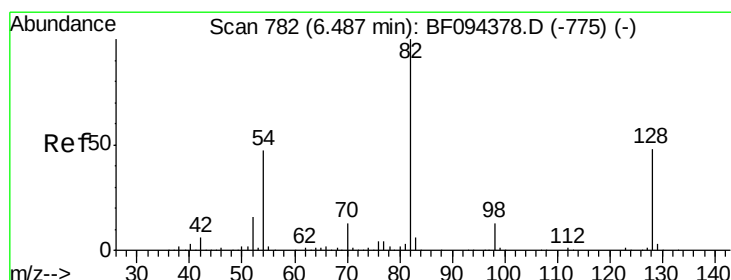
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 70.17 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

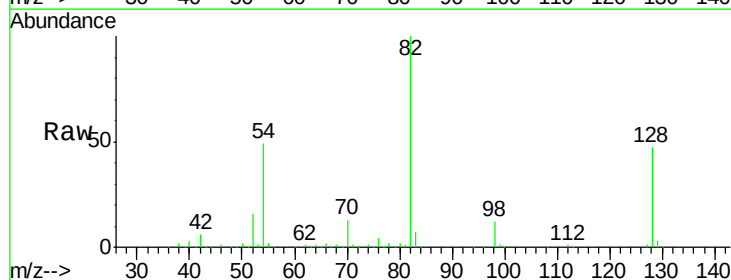
Tgt Ion: 82 Resp: 721461

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

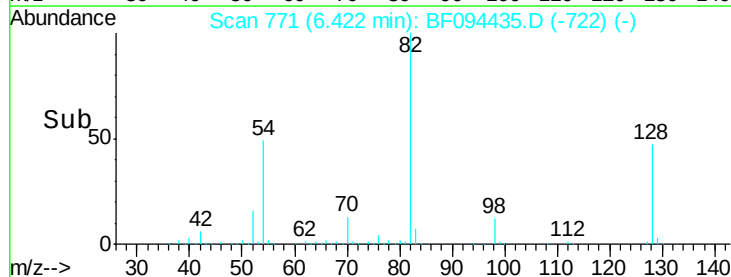
54 49.3 42.2 63.2



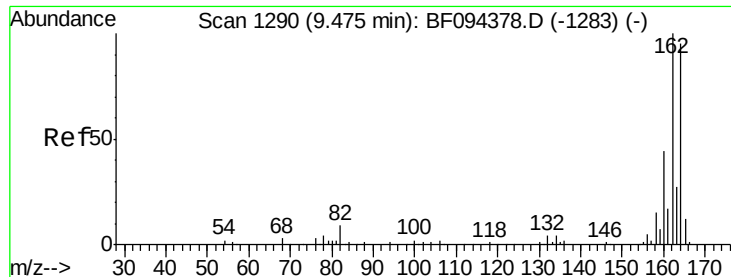
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-D-M

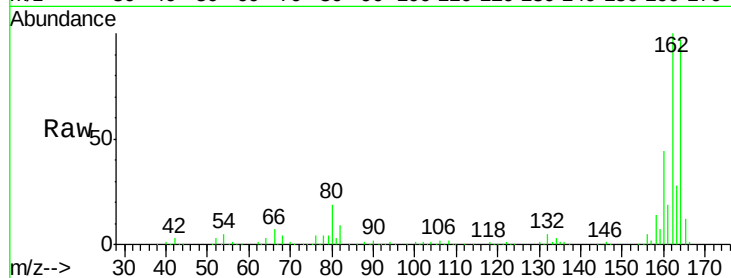
Tot Ion:164 Resp: 277122

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

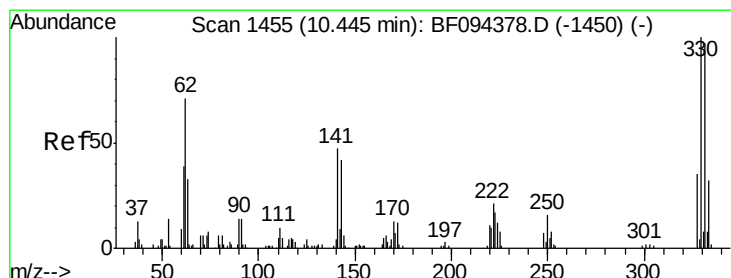
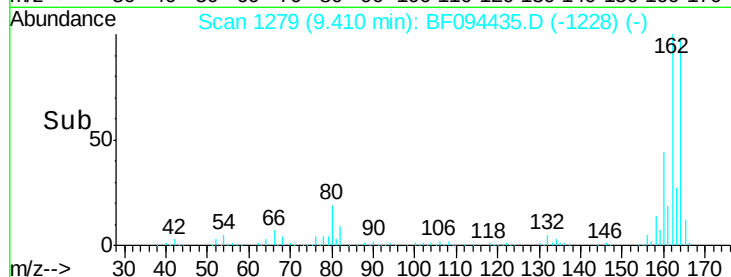
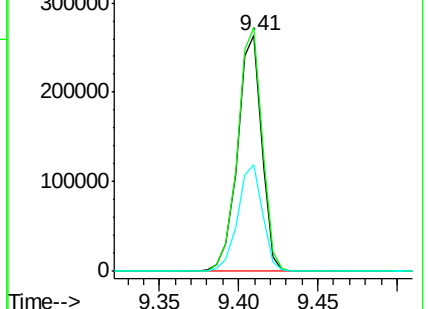
160 45.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 70.58 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

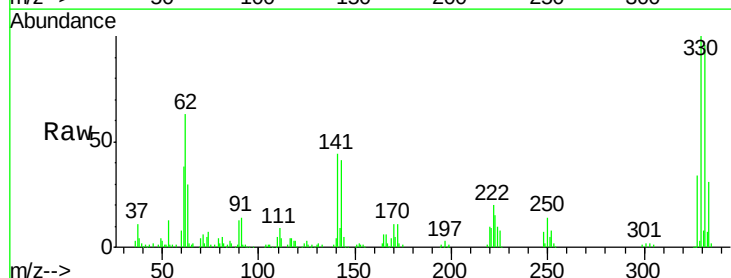
Tgt Ion:330 Resp: 154567

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

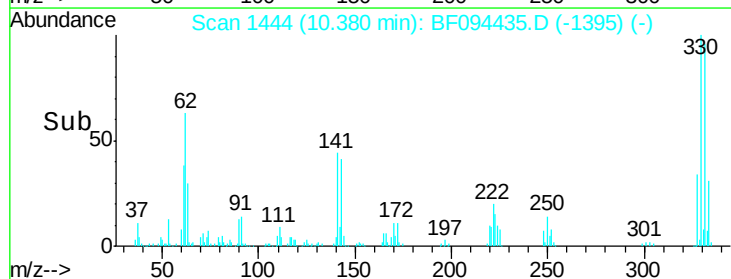
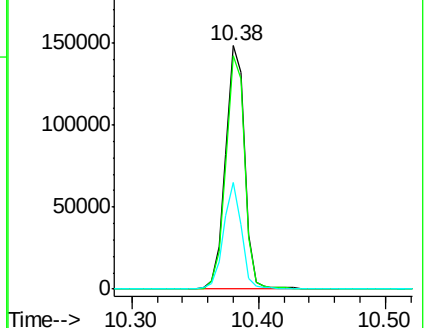
141 40.9 31.4 47.2

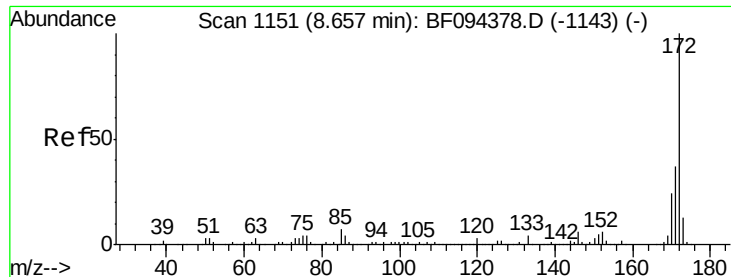


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



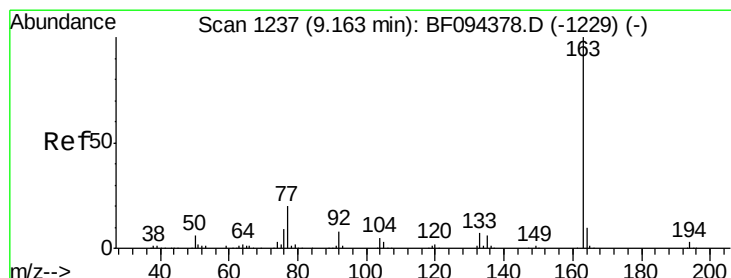
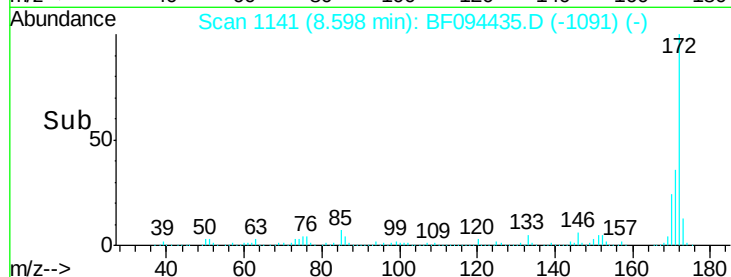
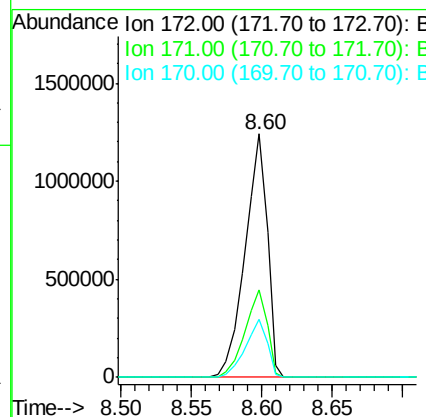
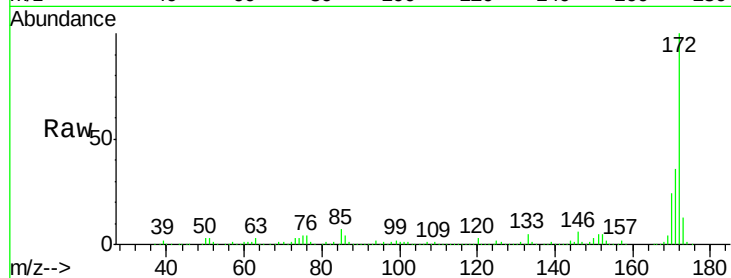


#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 041117-PRRT-E-D-M

Tot Ion:172 Resp: 1359207

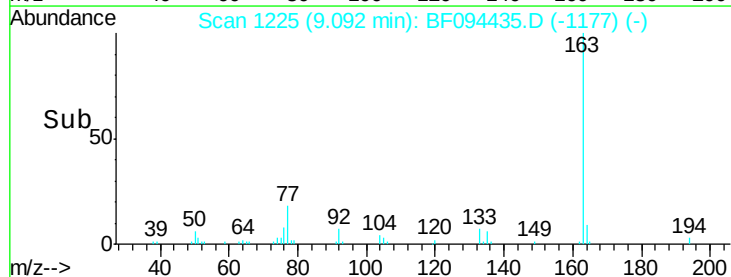
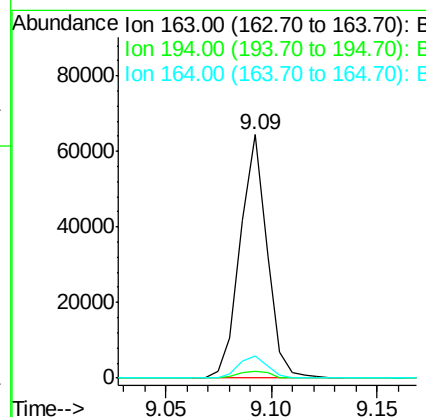
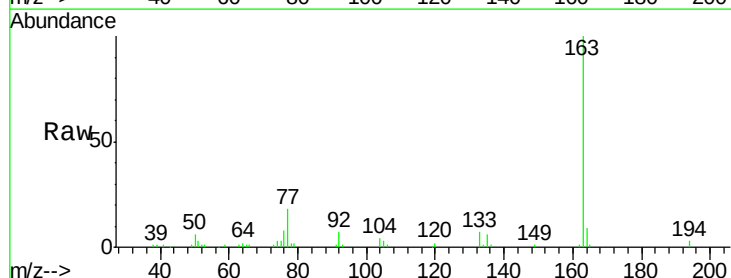
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8

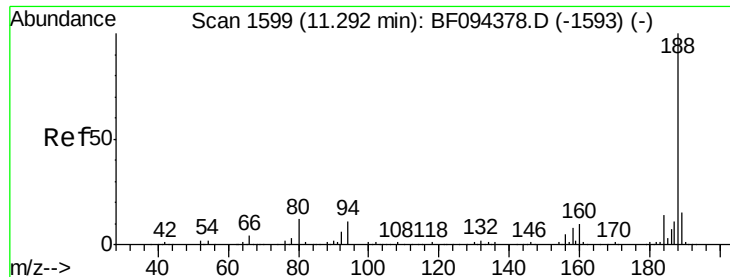


#49
 Dimethylphthalate
 Concen: 2.87 ng
 RT: 9.09 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Tgt Ion:163 Resp: 56627

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.1	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

041117-PRRT-E-D-M

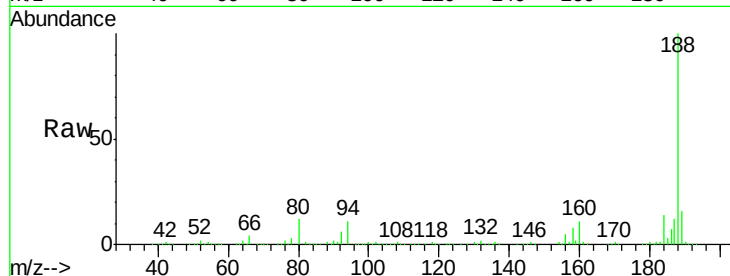
Tot Ion:188 Resp: 512415

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

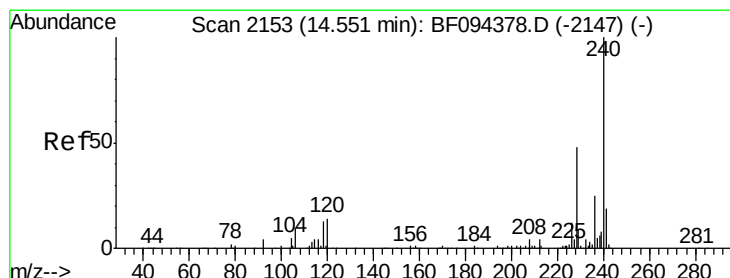
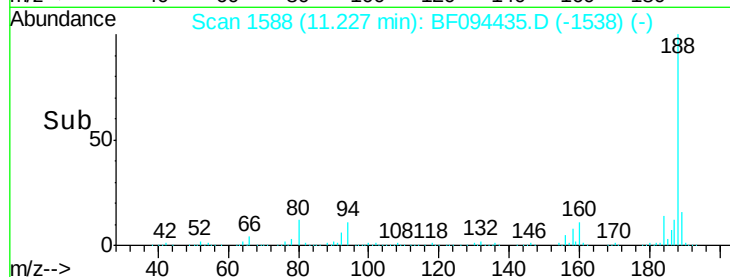
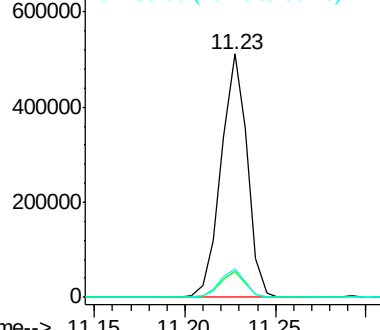
80 11.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

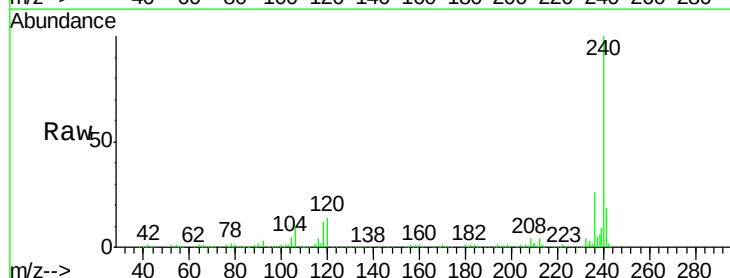
Tgt Ion:240 Resp: 427170

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

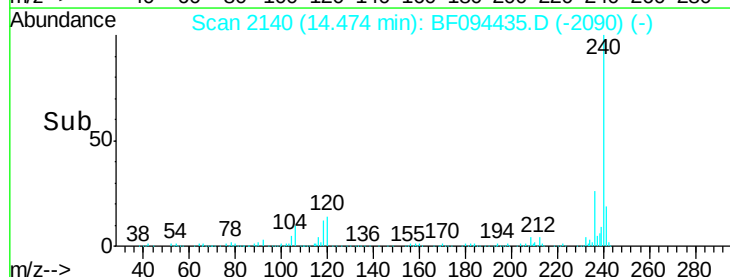
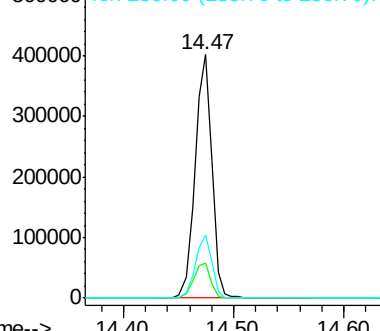
236 25.7 20.5 30.7

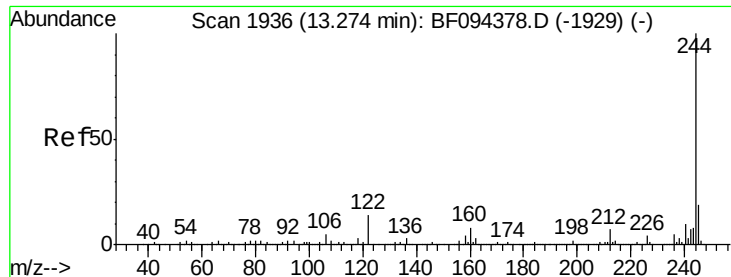


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

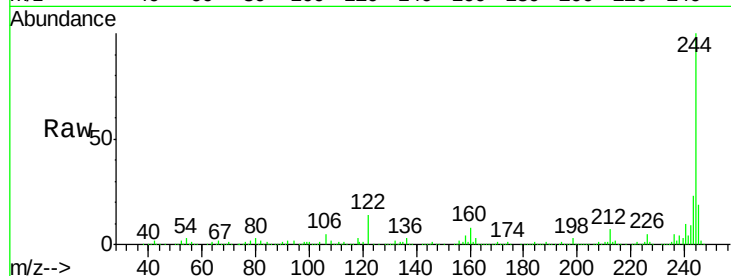




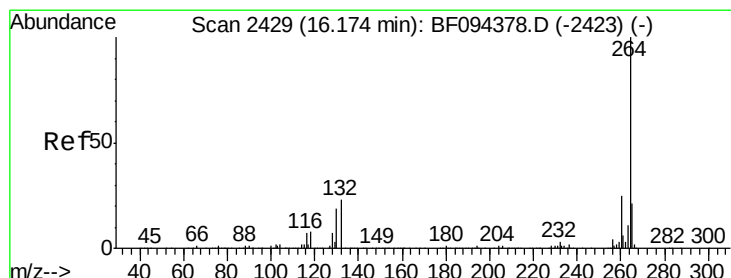
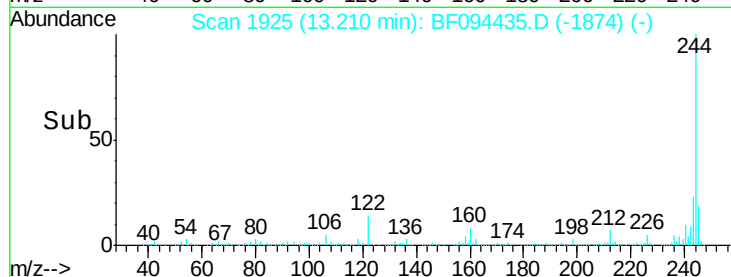
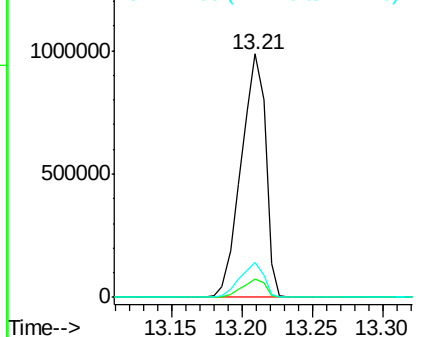
#78
 Terphenyl-d14
 Concen: 62.92 ng
 RT: 13.21 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 041117-PRRT-E-D-M

Tot Ion:244 Resp: 1199151
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.3 10.3 15.5

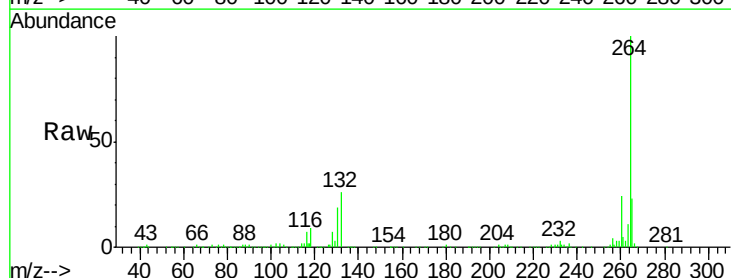


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Tgt Ion:264 Resp: 290752
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

